



PATIENT

Flo Hixon

PRESENTING CLINICAL SIGNS

SUDDEN ONSET OF WEAKNESS, ADRENOMEGALY NOTED ON ULTRASOUND

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN & THORAX

Plain and post contrast studies available for review.

BREED

Border Collie Mix

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

The CT study of the abdomen reveals mild bilaterally symmetric adrenomegaly. The caudal pole diameter of the left adrenal gland is 12mm and the right adrenal gland is 8.5mm. There is moderate generalized parenchymal remodeling. No evidence of a mass effect or vascular invasion is noted.

SEX

FS

Mild generalized enlargement of the liver is noted. A 5mm and a 12mm sized cysts are seen in the right division of the liver. Mild diffuse heterogeneous enhancement of the liver parenchyma is noted.

AGE

8

The spleen, kidneys, pancreas, and gastrointestinal tract present within normal limits.

The abdominal lymph nodes present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Mild spondyloses are seen in the lumbosacral junction, lumbar spine, and thoracic spine.

A small subcutaneous soft tissue attenuating nodule is seen in the right caudolateral abdominal wall.

HOSPITAL NAME

Aloha Pet & Bird
Hospital

The patient is mildly obese.

Thorax

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

REFERRING VET

Dr. Manuel Pepen

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

INVOICE

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The lung parenchyma presents the expected architecture and attenuation behavior.

Mild generalized dilation of the esophagus with gas is seen.

DATE

12-26-22



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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mildly bilaterally symmetric adrenomegaly.
- Mild hepatomegaly with cystic changes and heterogeneous contrast enhancement.
- Subcutaneous nodule in the abdominal wall.
- Esophageal dilation – likely related to general anesthesia.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals mild bilaterally symmetric adrenomegaly. Pituitary dependent hyperadrenocorticism is the most likely explanation for the CT changes especially in combination with the findings of the liver. Stress induced hyperplasia cannot be ruled out entirely as a differential diagnosis. Further laboratory workup including ACTH stimulation test or low dose dexamethasone suppression test can be considered for further definition if not performed already.

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The changes of the liver are compatible with endocrine/metabolic hepatopathy. Hepatitis, storage disease, diffuse neoplastic infiltration, and vacuolar hepatopathy are potential differential diagnoses.

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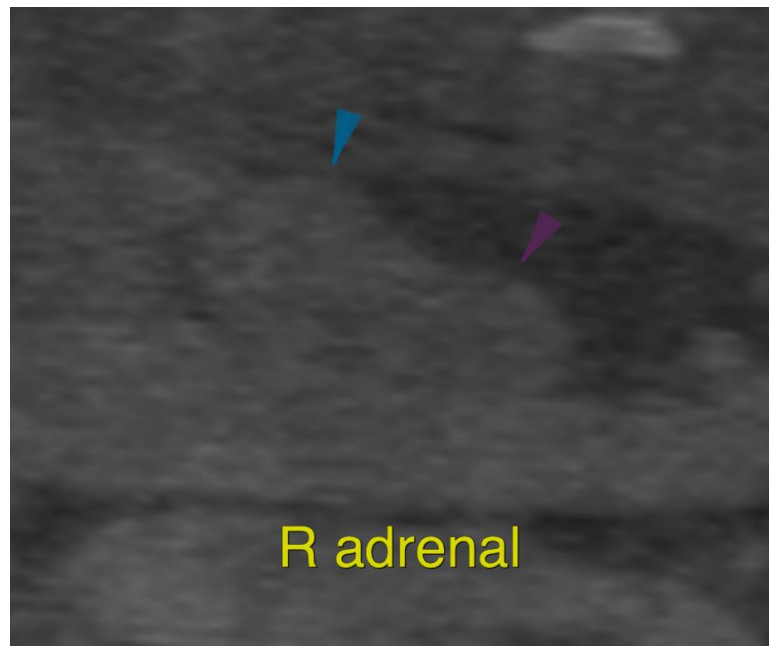
Dr. Manuel Pepen

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SPECIES

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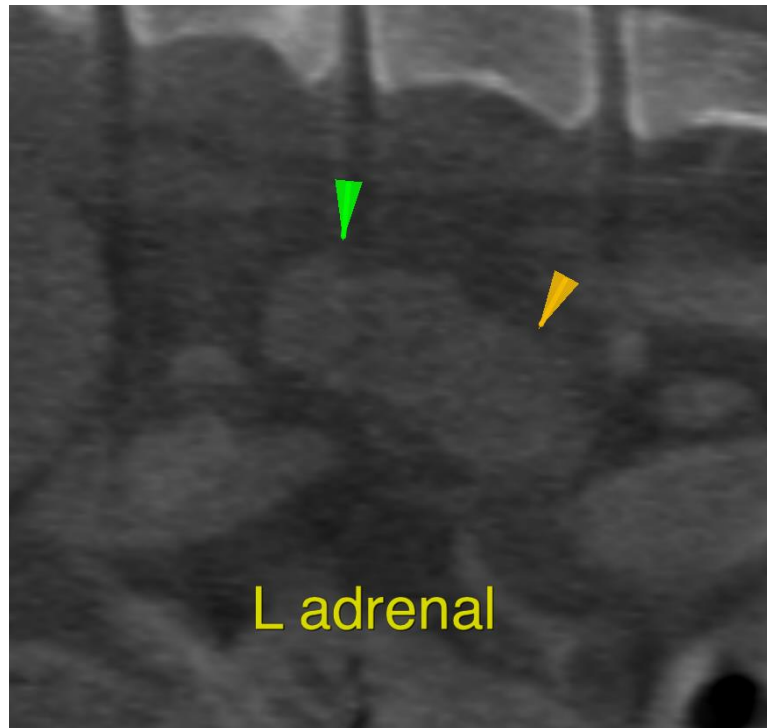
Border Collie Mix

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

HOSPITAL NAME

Aloha Pet & Bird
Hospital

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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